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## MILWAUKEE COUNTY EMS PRACTICAL SKILL 12-LEAD ELECTROCARDIOGRAM

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Purpose:	Indications:		
To obtain and transmit a diagnostic quality 12-lead electrocardiogram	Any patient experiencing symptoms of possible cardiac origin		
Advantages:	Disadvantages:	Complications:	Contraindications:
Provides electrical view of all areas of the myocardium; Enables receiving hospital notification of STEMI arrival	None	None	None

## Place electrodes on patient as follows:

- V1 4th intercostal space, right sternal border
- V2 4th intercostal space, left sternal border
- V3 Midway between V2 and V4
- V4 Mid clavicular line, fifth intercostal space
- V5 Lateral to V4 at the anterior axillary line
- V6 Lateral to V5 at the midaxillary line
- RA Right arm or shoulder (anywhere)
- LA Left arm or shoulder (anywhere)
- RL Right leg or right lower abdomen (anywhere)
- LL Left leg or left lower abdomen (anywhere)

Enter case # and at least patient's initials

Instruct patient to lie quietly while machine collects data

Press "Acquire" softkey to acquire ECG (one copy will automatically print out)

Notify EMS Communications of incoming 12-lead on RescueNet

\_\_\_<del>▼</del> Transmit

## NOTES:

- Obtain the 12 lead at the earliest opportunity; standard is within 10 minutes.
- Do not delay administration of nitroglycerin to obtain a 12-lead ECG.